

ELKHART PRODUCTS CORPORATION

AERIAL LIFTS



WELCOME

AERIAL LIFTS

Purpose: Lifts are a better way to reach overhead areas and are safer than ladders. However, there are safety precautions that must be followed.



FALL PROTECTION

Scissors Lifts (SKYJACK Mobile Elevating Work Platform)

- Fall protection is not necessary or required unless the railing has been removed.**

Aerial Lifts (articulating & telescoping boom lifts)

- Fall protection is required due to potential for being bounced out of lift or from climbing out of the basket.**

HAZARDS / DIECAUTIONS

TIP-OVER HAZARDS

- Do not drive near drop-offs, holes, or loading docks.
- Do not raise platform on uneven or soft surfaces.
- Do not drive onto uneven or soft surfaces when elevated.
- Do not raise platform on slope or drive onto slope when elevated.
- Do not raise platform in windy or gusty conditions.
- Standing on railing to reach work area rather than repositioning the lift.
- Traveling to job location with lift in elevated position.
- Using lift with railing removed.
- Using lift on uneven or sloped surface.
- Using near power lines, junction boxes, etc.
- Battery charging.



HAZARDS / PRECAUTIONS

ELECTROCUTION HAZARD

This machine is not insulated

Maintain safe clearances

from electrical power lines and apparatus

You must allow for platform sway, rock, or sag

**This work platform does not provide protection
from contact**

**with or proximity to an electrically charged
conductor**



HAZARDS / PRECAUTIONS

OTHER HAZARDS

- Do not overload
- Do not use without railings and entry gate in place
- Do not use if work platform is not working or parts are damaged
- Do not use near moving vehicles
- Do not stand or sit on guardrails
- Do not use under the influence of alcohol or drugs
- Do not override safety devices
- Do not leave unattended with key in switch
- Do not use ladder or other device to increase size or working height
- Do not use with improperly inflated tires
- Do not use with damaged wheels or tires



HAZARDS / PRECAUTIONS

Work platform is to be used by trained and authorized operators only. It is the operators responsibility to:

- **Read and understand all caution and danger warnings and operating manual.**
- **Perform daily maintenance inspection.**
- **Have all worn or damaged parts replaced.**
- **Fasten entry gate/chain/bar.**
- **Use work platform only on hard level surfaces.**



OPERATORS CHECK LIST

INSPECT AND/OR TEST THE FOLLOWING DAILY OR AT THE BEGINNING OF EACH SHIFT

1. Operating and emergency controls
2. Safety devices
3. Personal protective devices
4. Tires and wheels
5. Air, hydraulic and fuel system for leaks
6. Loose or missing parts
7. Cable and wiring harness
8. Placards, warnings, control markings and operating manual
9. Guardrail system
10. Battery fluid level
11. Hydraulic reservoir level
12. Coolant level

BATTERY CHARGING

- **Battery changing and charging**
 - Keep flames and sparks away. DO NOT smoke near batteries.
 - Wear protective apron, gloves, and goggles when working with batteries.
 - Immediately flush eyes with cold water if electrolytic acid is splattered into them.
 - Turn Emergency Power Disconnect Switch to “OFF”.
 - Connect charger AC plug to proper voltage source.
 - Charge batteries. DO NOT leave charger unattended for more than two consecutive days. Severe overcharging and battery damage will result if charger fails to turn off.
 - Disconnect charger from power source.
 - Normal charging will take 10-14 hours.

GENERAL MAINTENANCE HINTS

- **Before attempting any repair work, disconnect battery ground negative (-) lead.**
- **Properly position safety bar if the scissors assembly is raised.**

DANGER

Do not reach through scissors assembly without safety bar properly positioned.

- **Preventative maintenance is the easiest and least expensive type of maintenance.**